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(21) International Application Number: PCT/GB00/00291 (22) International Filing Date: 1 February 2000 (01.02.00) (30) Priority Data: 9902220.4 1 February 1999 (01.02.99) GB (71) Applicant (for all designated States except US): CYCLOTECH LIMITED [GB/GB]; Skene House, 96 Rosemount Viaduct, Aberdeen AB25 1NX (GB). (72) Inventors; and (75) Inventors/Applicants (for US only): SINKER, Alastair, Brenton [GB/GB]; 2 The Ridgeway, Guildford, Surrey GU1 2DG (GB). HESS, Michael, James [AU/GB]; 8 Easton Hill, Easton, Nr. Newbury, Berkshire RG20 8ED (GB). HADFIELD, David, Andrew [GB/GB]; "Sawasdee", Loxwood Road, Rudgwick, West Sussex RG24 8FB (GB). (74) Agent: MATHISEN MACARA & CO.; The Coach House, 6-8 Swakeleys Road, Ickenham, Uxbridge, Middlesex UB10 8BZ (GB).			(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>
(54) Title: FLUID PROCESSING FOR SEPARATING EMULSIONS			
(57) Abstract Fluid processing apparatus comprising a vessel (20) containing a hydrocyclone (18) and defining an inlet chamber, the vessel having a vessel inlet (22) arranged to feed fluid into the inlet chamber, and the inlet chamber being arranged to receive fluid from the vessel inlet (22) and to pass the fluid to an inlet (8) of the hydrocyclone, the inlet chamber including coalescing means (30) arranged to coalesce relatively small droplets contained in fluid received at the vessel inlet (22) into larger droplets before passing the fluid to the hydrocyclone inlet (8), the coalescing means having a substantially predetermined external shape which defines at least one elongate liner hole for receiving a respective hydrocyclone liner.			